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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 28, 2007.

J. Anderson

Sherry Anderson

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,185,269 Confirmation No.: 3447  
Patentee : William Mar et al.  
Title : VITERBI DECODING DEVICE AND METHOD FOR  
PROCESSING MULTI-DATA INPUT INTO MULTI-DATA  
OUTPUT  
Issued : February 27, 2007  
Docket No. : 14233.7  
Customer No. : 21999

**Certificate**

APR 04 2007

**of Correction**

Commissioner for Patents  
Attn: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

KIRTON & MC CONKIE  
Request for a Certificate of Correction Under 37 C.F.R. § 1.322

Dear Sir:

Pursuant to 37 C.F.R. §1.322, the Commissioner is respectfully requested to issue a Certificate of Correction under 35 U.S.C. §254 in connection with the above-identified patent to correct mistakes made by the U.S. Patent and Trademark Office in the printing of the Patent. Form PTO/SB/44 is enclosed herewith showing the desired corrections.

Respectfully submitted,

Evan R. Witt  
Reg. No. 32,512  
Attorney for Patentee(s)

Date: March 28, 2007  
KIRTON & McCONKIE  
1800 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111  
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APR 05 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF CORRECTION**

PATENT NO: 7,185,269

Page 1 of 2

APPLICATION NO: 10/612,678

ISSUE DATE: February 27, 2007

INVENTOR(S): William Mar et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Under the section "Foreign Application Priority Data" please delete "91114690" and replace it with --091114690--.

In column 1 beginning at line 55, please delete "Accordingly, the transfer function can be adjusted into "Y(D)/X(D)=PR(1,1)=1+D", "Y(D)/X(D)=PR (1,2,1)=1+2\*D+D^2" or "Y(D)/X(D)=PR(1,1,1,1)=1+D+D^2+D^3". and replace it with --Accordingly, the transfer function can be adjusted into "Y(D)/X(D) = PR(1,1) = 1 + D", "Y(D)/X(D) = PR(1,2,1) = 1 + 2 \* D + D^2" or "Y(D)/X(D) = PR(1,1,1,1) = 1 + D + D^2 + D^3"--.

In column 1, line 66, please delete "PR(1,2,1) = 1 + 2\*D + D^2" and replace it with --PR(1,2,1) = 1 + 2\*D + D^2--.

In column 2 beginning at line 5, please replace "PR(1,1,1,1) = 1 + D + D^2 + D^3" with --PR(1,1,1,1) = 1 + D + D^2 + D^3--.

In column 5 beginning at line 25, please replace "Then, branch metric values (y(k)-2)^2, (y(k)-1)^2, (y(k))^2, (y(k)+1)^2, (y(k)+2)^2, (y(k-1)-1.5)^2, (y(k-1)-1)^2, (y(k-1))^2, (y(k-1)+1)^2, (y(k-1)+1.5)^2 are obtained" with --Then, branch metric values (y(k)-2)^2, (y(k)-1)^2, (y(k))^2, (y(k)+1)^2, (y(k)+2)^2, (y(k-1)-1.5)^2, (y(k-1)-1)^2, (y(k-1))^2, (y(k-1)+1)^2, (y(k-1)+1.5)^2 are obtained--.

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and selection option 2.

**APR 05 2007**

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO: 7,185,269

Page 2 of 2

APPLICATION NO: 10/612,678

ISSUE DATE: February 27, 2007

INVENTOR(S): William Mar et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 6 beginning at line 13, please replace “to output the branch metric values  $(y(k)-2)^2$ ,  $(y(k))^2$ ,  $(y(k)+2)^2$ ,  $(y(k)+2)-1.5)^2$ ,  $(y(k)-1)^2$ ,  $(y(k-1))^2$ ,  $(y(k-1)+1)^2$ ,  $(y(k-1)+1.5)^2$  to the adder-comparator-selector unit 52” with -- to output the branch metric values  $(y(k)-2)^2$ ,  $(y(k)-1)^2$ ,  $(y(k))^2$ ,  $(y(k)+1)^2$ ,  $(y(k)+2)^2$ ,  $(y(k-1)-1.5)^2$ ,  $(y(k-1)-1)^2$ ,  $(y(k-1))^2$ ,  $(y(k-1)+1)^2$ ,  $(y(k-1)+1.5)^2$  to the adder-comparator-selector unit 52--.

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